

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	"3848181"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/29 09:23
L2	13	"3848181"	US-PGPUB; USPAT	OR	ON	2008/01/29 09:23
L3	543	(cam same insert) and battery	US-PGPUB; USPAT	OR	ON	2008/01/29 09:51
L4	58	(cam same insert same groove) and battery	US-PGPUB; USPAT	OR	ON	2008/01/29 09:51
L5	17465	cam adj (mechanism or assembly)	US-PGPUB; USPAT	OR	ON	2008/01/29 10:03
L6	1578	5 and battery	US-PGPUB; USPAT	OR	ON	2008/01/29 10:03
L7	123	6 and (cam near3 rotat\$5) same groove	US-PGPUB; USPAT	OR	ON	2008/01/29 10:04
L8	0	7 and plastic and ribber	US-PGPUB; USPAT	OR	ON	2008/01/29 10:04
L9	26	7 and plastic and rubber	US-PGPUB; USPAT	OR	ON	2008/01/29 10:04
L10	1829	5 and ((cam near3 rotat\$5) same groove)	US-PGPUB; USPAT	OR	ON	2008/01/29 10:06
L11	1267	5 and ((cam near3 rotat\$5) with groove)	US-PGPUB; USPAT	OR	ON	2008/01/29 10:06
L12	83	11 and plastic and rubber	US-PGPUB; USPAT	OR	ON	2008/01/29 10:07
L13	1	12 and (cam same ((insert or infix or inset or cut-in) with groove))	US-PGPUB; USPAT	OR	ON	2008/01/29 10:09
L14	17	11 and (cam same ((insert or infix or inset or cut-in) with groove))	US-PGPUB; USPAT	OR	ON	2008/01/29 10:09
L15	3	320/107.ccls. and ((guides or groove) with (ribs near3 battery))	US-PGPUB; USPAT	OR	ON	2008/01/29 10:14
L16	94	320/107.ccls. and ((guides or groove) with (battery))	US-PGPUB; USPAT	OR	ON	2008/01/29 10:15
L17	34	16 and (battery near3 (hold\$3 or grip\$3 or hold\$3))	US-PGPUB; USPAT	OR	ON	2008/01/29 10:15
L18	36	16 and (battery near3 (hold\$3 or grip\$4 or hold\$3))	US-PGPUB; USPAT	OR	ON	2008/01/29 10:16

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	54571	"320".clas. or "429".clas.	US-PGPUB; USPAT	OR	ON	2008/01/24 14:41
S2	4289	S1 and (battery adj3 charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 14:41
S3	199	S2 and (battery with (space or cavity or hole or chamber or compartment)) and (battery adj3 (grip\$4 or clamp\$4 or grasp\$4 or hold\$3))	US-PGPUB; USPAT	OR	ON	2008/01/24 14:45
S4	202	S2 and (battery near3 (space or cavity or hole or chamber or compartment)) and (battery near3 (grip\$4 or clamp\$4 or grasp\$4 or hold\$3))	US-PGPUB; USPAT	OR	ON	2008/01/24 14:47
S5	1	S4 and ((grip\$4 or clamp\$4 or grasp\$4 or hold\$3) near3 cam)	US-PGPUB; USPAT	OR	ON	2008/01/24 14:47
S6	0	S4 and ((grip\$4 or clamp\$4 or grasp\$4 or hold\$3) near3 camshaft)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:11
S7	9	S4 and ((grip\$4 or clamp\$4 or grasp\$4 or hold\$3) near3 (rotat\$3 or wheel or cam or trippet))	US-PGPUB; USPAT	OR	ON	2008/01/24 15:11
S8	65	S2 and (battery near3 (space or cavity or hole or chamber or compartment)) and (battery with ((space or cavity or hole or chamber or compartment) near3 (grip\$4 or clamp\$4 or grasp\$4 or hold\$3)))	US-PGPUB; USPAT	OR	ON	2008/01/24 15:24
S9	21	(rotat\$3 near3 (grip\$3 or hold\$)) and ((grip\$3 or hold\$) adj2 battery) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:29
S10	0	((rotat\$3 or move or manual\$3) near3 ((grip\$3 or hold\$) adj2 battery)) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:34
S11	15	((rotat\$3 or move or manual\$3) with ((grip\$3 or hold\$) adj2 battery)) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:34
S12	384	(retain\$3 near3 battery) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:41
S13	15	S12 and ((grip\$4 or clamp\$4 or grasp\$4 or hold\$3) near3 (rotat\$3 or wheel or cam or trippet))	US-PGPUB; USPAT	OR	ON	2008/01/24 15:41
S14	199	S1 and (retain\$3 near3 battery) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:46
S15	2	S1 and ((retain\$3 near3 battery) with rotat\$3) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:46
S16	0	S1 and ((retain\$3 near3 battery) with manual\$3) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:47

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S17	4	S1 and ((retain\$3 near3 battery) with activat\$3) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:47
S18	162	320/113.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/24 15:57
S19	49	S18 and rotat\$4	US-PGPUB; USPAT	OR	ON	2008/01/24 15:58
S20	28	S19 and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 15:59
S21	34	("3881961"   "5394073"   "5604050"   "5656914"   "5691618"   "5851692"   "5856038"   "5910380"   "6002236"   "6049192").PN. OR ("6127802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 16:03
S22	18	("5347208"   "5656914"   "5689171"   "6049192").PN. OR ("6124699").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 16:08
S23	84	S18 and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 16:46
S24	56	S23 not S20	US-PGPUB; USPAT	OR	ON	2008/01/24 16:47
S25	386	320/107,110.ccls. and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/24 16:54
S26	131	S25 and ((grip\$4 or clamp\$4 or grasp\$4 or hold\$3) near3 battery)	US-PGPUB; USPAT	OR	ON	2008/01/24 16:54
S27	57	S26 and (charger near4 (housing or cas\$3))	US-PGPUB; USPAT	OR	ON	2008/01/24 16:55
S28	44	(battery adj charger) and (cam near3 assembly)	US-PGPUB; USPAT	OR	ON	2008/01/24 17:03
S29	12	(battery adj charger) and ((cam near3 mechanism) same battery)	US-PGPUB; USPAT	OR	ON	2008/01/24 17:07
S30	12	"5217824"	US-PGPUB; USPAT	OR	ON	2008/01/24 17:12
S31	15	"6124699"	US-PGPUB; USPAT	OR	ON	2008/01/24 17:35
S32	105	((housing or casing) same battery same (cavity or chamber or compartment)) and electrode and (grip\$4 or clamp\$3 or hold\$3) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/25 09:53
S33	31	S32 and "320".clas.	US-PGPUB; USPAT	OR	ON	2008/01/25 09:53
S34	43	((housing or casing) same (battery with (cavity or chamber or compartment))) and electrode and ((grip\$4 or clamp\$3 or hold\$3) near3 battery) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:26

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S35	78	((battery with (cavity or chamber or compartment))) and electrode and ((grip\$4 or clamp\$3 or hold\$3) near3 battery) and (battery adj charger)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:32
S36	35	S35 not S34	US-PGPUB; USPAT	OR	ON	2008/01/25 10:32
S37	15	"6124699"	US-PGPUB; USPAT	OR	ON	2008/01/25 10:37
S38	17	"5347208"	US-PGPUB; USPAT	OR	ON	2008/01/25 10:42
S39	27	"5656914"	US-PGPUB; USPAT	OR	ON	2008/01/25 10:42
S40	30	"5689171"	US-PGPUB; USPAT	OR	ON	2008/01/25 10:42
S41	31	"6049192"	US-PGPUB; USPAT	OR	ON	2008/01/25 10:43
S42	9	(battery adj charger) and electrode and (cam same battery same (grip\$3 or clamp\$4 or hold\$3))	US-PGPUB; USPAT	OR	ON	2008/01/25 11:10
S43	8	electrode and (cam same (battery near2 (grip\$3 or clamp\$4 or hold\$3)))	US-PGPUB; USPAT	OR	ON	2008/01/25 11:51
S44	55	(cam near2 (grip\$3 or clamp\$4 or hold\$3)) same battery	US-PGPUB; USPAT	OR	ON	2008/01/25 13:07
S45	762	cam near3 battery	US-PGPUB; USPAT	OR	ON	2008/01/25 13:18
S46	30	S45 and ("320".clas. or "429".clas.)	US-PGPUB; USPAT	OR	ON	2008/01/25 13:18
S47	10	(manual\$4 near2 rotat\$3) same (battery near2 (grip\$3 or hold\$3 or clamp\$3))	US-PGPUB; USPAT	OR	ON	2008/01/25 13:59
S48	6	"5844401"	US-PGPUB; USPAT	OR	ON	2008/01/25 14:01
S49	1	"10/757146"	US-PGPUB; USPAT	OR	ON	2008/01/28 14:04
S50	7	(grip\$3 same insert) and cam and (battery near3 charger)	US-PGPUB; USPAT	OR	ON	2008/01/28 14:43
S51	2	jp-2001179663-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/28 14:52
S52	1	gb-2,276,963-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/28 14:52

## EAST Search History

S53	14455	320/123.ccls. or "290".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/28 16:37
S54	25	S53 and (cam same battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/28 16:37
S55	75	"320".clas. and (cam same battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/28 16:41